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Job No.: CQCE/BBMP/MKN/W.No.5/2018-19

Date: 24.07.2018

KERB STONE (CORE) TEST REPORT

Client	:	**Deputy Conservator of Forest,** Lakes Division, BBMP, Bangalore.
Agency	:	**Sri. Mahesh K.N,** Contractor, Bangalore.
Name of Work	:	Development of Green Space and Parks to Vin Field Layout Main Road Park Ward-5 Jakkur (Yelahanka Zone), BBMP, Bangalore.
No.of Sample Tested	:	03
Date of Testing	:	24.07.2018
Techinical Reference	:	IS:516-1959 (Reaffirmed 1999), SP-24:1983.
Grade of Concrete	:	M_{15}

Sl. No.	Dia of Core D (mm)	Height of Core H (mm)	Core Wt (Kg)	Density of Core (kg / m^3)	H / D	Correction factor (Based on H/D)	Failure Load (kN)	Core Strength (N/mm^2)	Correction Factor for the Dia. (Strength of the Core x 1.08)	Corrected Cylinder Compressive Strength (N/mm^2)	Equivalent Cube Compressive Strength (N/mm^2)
1	50.00	73.00	0.328	2288.34	1.46	0.960	26.30	13.39	14.47	13.89	17.36.
2	50.00	77.00	0.351	2321.60	1.54	0.960	25.80	13.14	14.19	13.62	17.03
3	50.00	76.00	0.346	2318.64	1.52	0.960	27.90	14.21	15.35	14.73	18.42

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Job No.: CQCE/BBMP/MKN/W.No.5/2018-19

10.08.2018

TEST REPORT ON CHAIN LINK FENCING WIRE (8th Gauge)

Client : **Deputy Conservator of Forest,** Lakes Division, BBMP, Bangalore.

Agency : **Sri. Mahesh K.N,** Contractor, Bangalore.

Name of work : Development of Green Space and Parks to Vin Field Layout Main Road Park Ward-5 Jakkur (Yelahanka Zone), BBMP, Bangalore.

Samples ID : Samples Supplied By Agency

Sl.No	Description	Result
1	Diameter	4.32 mm
2	Internal Spacing	50 mm X 50 mm
3	Weight / Meter (1m x 1m)	4.494 Kg

The Results relate only to the items tested

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10.08.2018

TEST REPORT ON STRUCTURAL STEEL

Client : **Deputy Conservator of Forest,** Lakes Division, BBMP, Bangalore.
Agency : **Sri. Mahesh K.N,** Contractor, Bangalore.
Name of work : Development of Green Space and Parks to Vin Field Layout Main Road Park Ward-5 Jakkur (Yelahanka Zone), BBMP, Bangalore.
Samples ID : Samples Supplied By Agency
Specimen Size : ISA-65X65X6mm (1m Length)

Sl.No	Description	Result
1	Thickness	6.54 mm
2	Width	65.8mm
3	Weight / Meter	5.79 Kg

The Results relate only to the items tested

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10.08.2018

Job No.: CQCE/BBMP/MKN/W.No.5/2018-19

TEST REPORT ON M.S PIPE (38mm Dia)

Client : **Deputy Conservator of Forest,** Lakes Division, BBMP, Bangalore.
Agency : **Sri. Mahesh K.N,** Contractor, Bangalore.
Name of work : Development of Green Space and Parks to Vin Field Layout Main Road Park Ward-5 Jakkur (Yelahanka Zone), BBMP, Bangalore.
Specimen Size : M.S Pipe 38mm Dia

PHYSICAL TEST

Sl.No	Description	Result
1	Thickness	2.15 mm
2	Inner Diameter	38.32 mm
3	Outer Diameter	42.48 mm
4	Weight / Meter	1.886 kg

The Results relate only to the items tested

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Job No.: CQCE/BBMP/MKN/W.No.5/2018-19

Date: 14.08.2018

TEST REPORT ON STRUCTURAL STEEL

Client : **Deputy Conservator of Forest,** Lakes Division, BBMP, Bangalore.
Agency : **Sri. Mahesh K.N,** Contractor, Bangalore.
Name of work : Development of Green Space and Parks to Vin Field Layout Main Road Park Ward-5 Jakkur (Yelahanka Zone), BBMP, Bangalore.

Samples ID : Samples Supplied By Agency
Specimen Size : ISA-100X100X6mm (1m Length)
Date of Testing : 14.08.2018

Sl.No	Description	Result
1	Thickness	6.15 mm
2	Width	100.0 mm
3	Weight / Meter	2.804 Kg

The Results relate only to the items tested

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Job No.: CQCE/BBMP/MKN/W.No.5/2018-19 Date : 26.07.2018

GRADATION FOR WMM
MORTH TABLE-400-11

Client : **Deputy Conservator of Forest,** Lakes Division, BBMP, Bangalore.
Agency : **Sri. Mahesh K.N,** Contractor, Bangalore.
Name of Work : Development of Green Space and Parks to Vin Field Layout Main Road Park Ward-5 Jakkur (Yelahanka Zone), BBMP, Bangalore.

Date of Testing : 26.07.2018
Material Type : Wet Mix Macadam

Oven Dry Wt (gm): **10500**

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Spec.Limits
53	0	0	0	100	100
45	334	334	3.2	96.8	95-100
22.4	2356	2690	25.6	74.4	60-80
11.2	2147	4837	46.1	53.9	40-60
4.75	1985	6822	65.0	35.0	25-40
2.36	1142	7964	75.8	24.2	15-30
0.600	864	8828	84.1	15.9	8-22
0.075	925	9753	92.9	7.1	0-8

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Date: 26.07.2018

Aggregate Impact Value

IS: 2386 Part IV

Client	**Deputy Conservator of Forest,** Lakes Division, BBMP, Bangalore.
Agency	**Sri. Mahesh K.N,** Contractor, Bangalore.
Name of the Work	Development of Green Space and Parks to Vin Field Layout Main Road Park Ward-5 Jakkur (Yelahanka Zone), BBMP, Bangalore.
Type of Mix	Wet Mix macadam
Date of Testing	26.07.2018

Sl No.	Details	Trial No. 1	Trial No. 2	Trial No. 3	Average
1	Total weight of aggregate sample filling the cylindrical measure = W_1 g	381	383	385	
2	Weight of agregate passing 2.36 mm sieve after the test = W_2 g	84	86	88	
3	Weight of aggregate retained 2.36 mm sieve after the test = W_3 g	297	297	297	
4	Aggregate Impact value = percent fines 100* (W_2/W_1)%	22.05	22.45	22.86	**22.45**

Comments:

→ Maximum allowable Aggregate Impact value for Wet mix Macadam is 30%

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26.07.2018

DETERMINATION OF FLAKINESS INDEX & ELONGATION INDEX OF COARSE AGGREGATES

Client	**Deputy Conservator of Forest,** Lakes Division, BBMP, Bangalore.
Agency	**Sri. Mahesh K.N,** Contractor, Bangalore.
Name of Work	Development of Green Space and Parks to Vin Field Layout Main Road Park Ward-5 Jakkur (Yelahanka Zone), BBMP, Bangalore.
Technical Reference	IS 2386(Part 1) 1963 (RA 2011)
Type of Mix	Wet Mix Macadam
Sample ID	WMM Layer
Date of Testing	26.07.2018

Result : Flakiness Index = **12.42%**

Elongation Index = **13.63%**

Result : Combined Flakiness & Elongation index **26.05%**

Comments:

Maximum allowable Flakiness & Elongation Index for Wet Mix Macadam is 30%

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Date : 26.07.2018

ATTERBERG LIMITS TEST FOR WMM
MORTH TABLE-400-11

Client : **Deputy Conservator of Forest,** Lakes Division, BBMP, Bangalore.
Agency : **Sri. Mahesh K.N,** Contractor, Bangalore.
Name of Work : Development of Green Space and Parks to Vin Field Layout Main Road Park Ward-5 Jakkur (Yelahanka Zone), BBMP, Bangalore.
Date of Testing : 26.07.2018
Material Type : Wet Mix Macadam

As per MORTH Table 400-13

Sl. No.	Particulars	Test Results	Standards as per Specifications
1	Liquid Limit	24.00	-
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

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